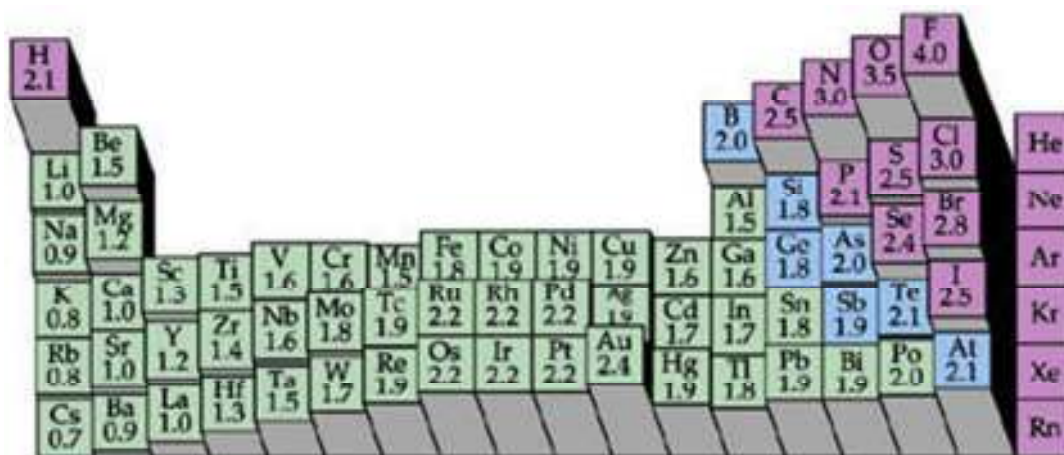


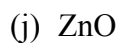
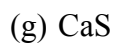
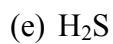
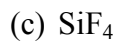
Name _____

AP Chemistry

Predicting Bond Type



1) Predict the type of bond for each of the following:



2) Rank the following bonds in order of increasing ionic character: N—O, Ca—O, C—F, Br—Br, and K—F.

3) Hydrogen has an electronegativity value between boron and carbon and identical to phosphorus. With this in mind, rank the following bonds in order of increasing covalent character: P—H, O—H, N—H, F—H, and C—H.